

SEQUENCE LISTING

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Walker, Brian
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Patrick, Harriot

<120> Peptide Fragments of Murine Epidermal Growth Factor as Laminin Receptor Targets

<130> 8830-170 (43784-181696)

<140> US 09/673,785

<141> 2000-12-29

<150> PCT/GB99/01211

<151> 1999-04-21

<150> GB 9808407.2

<151> 1998-04-22

<160> 31

<170> PatentIn version 3.2

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<211> 9

<212> PRT

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Cys Asp Pro Gly Tyr Ile Gly Ser Arg
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<223> Artificial Sequence based on amino acid residues 33 to 42 of murine epidermal growth factor (mEGF)

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NS

TECHNICAL INFORMATION
RECEIVED 7/15/2000
7/15/2000

Cys Val Ile Gly Tyr Ser Gly Asp Arg Cys
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F1
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<223> 2',6'-dimethyl-beta-methyl-tyrosine at position 5 of linear sequence of amino acids 925-933 of the mature murine b1 chain

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based on mEGF 33-42

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human laminin receptor

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Pro Thr Glu Asp Trp Ser Ala Gln Pro Ala Thr Glu Asp Trp Ser Ala
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Ala Pro Thr Ala

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Ala Val Ile Gly Tyr Ser Gly Asp Arg Cys

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<223> A biotinylated derivative used to demonstrate that mEGF(33-42) bound to the 67kDa laminin receptor

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<223> Artificial Sequence of concensus sequence which presents an acceptable motif for 67-LR activation by both mEGF (33-42)
Laminin B1 (925-933)

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<222> (3)..(3)
<223> substitute amino acid residue or amino acid analogue at position 3

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<221> MISC_FEATURE
<222> (5)..(5)
<223> substitute amino acid residue or amino acid analogue at position 5

<400> 27

Gly Tyr Xaa Gly Xaa Arg
1 5

F1

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Tyr Ile Gly Ser Arg
1 5

<210> 29
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Cys Val Ile Xaa Tyr Ser Xaa Asp Arg Cys
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in turn by a.a- dialkyl substituted amino acids
(aminocyclopropane carboxylic acid ACPA)

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<222> (5)..(5)

<223> tyrosine analog

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